ationa! Application No
/US2004/024334

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 C07D263/20 C07D413/06 A61K31/421 C07D413/12 A61K31/422 According to International Patent Classification (IPC) orto both national classification and IPC **B FIELDS SEARCHED** Minimum documentation searched (classification system followed by classification symbols) C07D $A\delta 1 K$ IPC 7 Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practical, search terms used) **EPO-Internal** , WPI Data, CHEM ABS Data C. DOCUMENTS CONSIDERED TO BE RELEVANT Category 6 Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No Y EP 0 694 543 A (BAYER AG) 1-8, 31 January 1996 (1996-01-31) 10-17, 20-23, 26-45 page 91 - page 94; claim 1 page 83; examples 124,125 page 2, line 3 - line 4 Y EP 0 352 781 A (E.I. DU PONT DE NEMOURS 1-8, AND COMPANY) 31 January 1990 (1990-01-31) 10-17, 20-23, 26-45 page 51 - page 54; claim 1 page 2, line 4 - line 6 Further documents are listed in the continuation of box C Patent family members are listed in annex ^o Special categories of cited documents T" later document published after the international filing date or priority date and not in conflict with the application but 'A" document defining the general state of the art which is not cited to understand the principle or theory underlying the considered to be of particular relevance invention ¹E¹ earlier document but published on or after the International ¹X¹ document of particular relevance, the claimed invention filing date cannot be considered novel or cannot be considered to ¹L¹ document which maythrow doubtson priority claim (£) or involve an inventive step when the document is taken alone which is cited to establish the publication date of another "Y document of particular relevance, the claimed invention citation or other special reason (as specified) cannot be considered to involve an inventive step when the O" document referring to an oral disclosure, use, exhibition or document is combined with one or more other such docuother means ments, such combination being obvious to a person skilled in the art ¹P" document published prior to the international filing date but later than the priority date claimed '&' document member of the same patent family e of the actual completion of the international search Date Of mailing of the international search report . 2 4. 11. 2005 8 August 2005 Name and mailing address of the ISA Authorized officer European Patent Office, P B 5818 Patentlaan 2 NL- 2280 HV Rijswijk Tel (+31-70) 340-2040, Tx 31 651 epo nl, Fink, D Fax (+31-70) 340-3016

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT	/US2004/024334
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page 66 - page 68; examples 6,7; compour 66,67 page 75 - page 78; exampl e 13; compounds 155, 156	
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INTERNATIONAL SEARCH REPORT

Box 11 Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)
This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons
Claims Nos because they relate to subject matter not required to be searched by this Authority, namely
Claims Nos because they relate a parts of the International Application that do not comply with the prescribed requirements to such a nextent that no meaningful International Search can be carried out, specifically see FURTHER INFORMATION sheet PCT/ISA/210
3 j I Claims Nos because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6 4(a)
Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)
This International Searching Authority found multiple inventions in this international application as follows See additi onal sheet
1 As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims
As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee
3 I I As only some of the required additional search fees were timely paid by the applicant, this International Search Report 1—1 600 reports and the thinks from whitingth 1266 Whenthe passidd Septicularly Chamiltonian Nooss
4 IV I No required additional search fees were timely paid by the applicant Consequently, this International Search Report is restricted to the invention first mentioned in the claims, it is covered by claims Nos See annex
Remark on Protest The additional search fees were accompanied by the applicant's protest No protest accompanied the payment of additional search fees

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

Continuation of Box II. 2

Present claims 1-45 relate to "prodrugs" of the compounds of the present general formula.

The term "prodrug" is considered to lead to a lack of clarity within the meaning of Article 6 PCT because this term does not comprise any information as regards the structure of the compounds concerned. It is therefore impossible to compare the said "prodrug" compounds with what is set out in the prior art. The lack of clarity is such as to render a meaningful complete search impossible. Consequently, the said "prodrugs" have not been searched.

The applicant's attention is drawn to the fact that claims relating to inventions in respect of which no international search report has been established need not be the subject of an international preliminary examination (Rule 66.1(e) PCT). The applicant is advised that the EPO policy when acting as an International Preliminary Examining Authority is normally not to carry out a preliminary examination on matter which has not been searched. This is the case irrespective of whether or not the claims are amended following receipt of the search report or during any Chapter II procedure. If the application proceeds into the regional phase before the EPO, the applicant is reminded that a search may be carried out during examination before the EPO (see EPO Guideline C-VI, 8.5), should the problems which led to the Article 17(2) declaration be overcome.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-8 (all partly), 10-15 (all partly), 16, 17, 20 (partly), 21 (partly), 22, 23 and 26-45 (all partly);

the compounds of the present claim 1 wherein Het-CH2-R3 represents a 5-(R3-CH2)-2-oxo-oxazolidin-3-yl group and A and B are phenyl;

2. claims: 1-4 (all partly), 8 (partly), 10-13 (partly) and 26-45 (all partly);

the compounds of the present claim 1 wherein Het-CH2-R3 represents a 5-(R3-CH2)-2-oxo-oxazolidin-3-yl group, A is phenyl, B is selected from pyridyl, pyrazinyl, pyriitiidinyl and pyridazinyl, X is -NR4-, and M is other than formyl and Cl-4acyl;

3. claims: 1-4 (all partly), 8 (partly), 10-13 (partly), 26-29 (all partly) and 32-45 (all partly);

the compounds of the present claim 1 wherein Het-CH2-R3 represents a 5-(R3-CH2)-2-oxo-oxazolidin-3-yl group, A is phenyl, B is selected from pyridyl, pyrazinyl, pyrimidinyl and pyridazinyl, and X is -NR4NR4-;

4. claims: 1-4 (all partly), 8 (partly), 10-13 (partly), 26-29 (all partly) and 32-45 (all partly);

the compounds of the present claim 1 wherein Het-CH2-R3 represents a 5-(R3-CH2)-2-oxo-oxazolidin-3-yl group, A is phenyl, B is selected from pyridyl, pyrazinyl, pyrimidinyl and pyridazinyl, and X is -S-;

5. claims: 1-7 (all partly), 9-15 (all partly), 18, 19, 20 (partly), 21 (partly), 24, 25 and 26-45 (all partly);

the compounds of the present claim 1 wherein Het-CH2-R3 represents a 5-(R3-CH2)-2-oxo-oxazolidin-3-yl group, A is selected from pyridyl, pyrazinyl, pyrimidinyl and pyridazinyl, B is phenyl, and X is -NR4- or -NR4NR4-;

6. cl aims: 1-7 (al l partly) , 9-15 (al l partly) , 18, 19, 20 (partly), 21 (partly) , 24, 25, 26-29 (al l partly) and 32-45 (al l partly) ;

FURTHER INFORMATION CONTINUED FROM PCTASA/ 210

the compounds of the present claim 1 wherein Het-CH2-R3 represents a 5-(R3-CH2)-2-oxo-oxazolidin-3-yl group, A is selected from pyridyl, pyrazinyl, pyrimidinyl and pyridazinyl, B is phenyl, and X is -S-, and M is other than acetyl;

- 7. claims: 1 (partly), 4-12 (all partly) and 26-45 (all partly); the compounds of the present claim 1 wherein Het-CH2-R3 represents a 2-(R3-CH2)-5-oxo-isoxazolin-4-yl group;
- 8. claims: 1 (partly), 4-12 (all partly) and 26-45 (all partly); the compounds of the present claim 1 wherein Het-CH2-R3 represents a 5-(R3-CH2)-isoxazolin-3-yl group;
- 9. claims: 1 (partly), 4-12 (all partly) and 26-45 (all partly); the compounds of the present claim 1 wherein Het-CH2-R3 represents a 5-(R3-CH2)-2-oxo-5H-furan-3-yl group;

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